

ABSTRACT

Present invention relates to a method and a device 145 for improving the signal-to-noise ratio (S/N) in a system 40 for measuring flatness of a strip 1 of rolled material, comprising 5 a measuring roll 2 having a number of said measuring devices 22 for force/pressure registration. Said devices 22 generate measurement output signals U_p depending on the contact between the strip and the measuring roll. The invented device 145 determines and generates time slots having a determined time length, synchronises said time slots to the appearance of force components on an input of at least one quantity processor 62 of said signal processors 60 and controls at least one of said quantity processors 62 to be open for registration of an incoming force component signal during said time slot and to be closed until the next successive time slot appears. The present invention also provides a computer program product and a flatness determination signal for accomplishing said objects of the invention.

Figure 5